

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/687,523  
Source: 1Fw16  
Date Processed by STIC: 12/21/05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/687,523

DATE: 12/21/2005

TIME: 09:26:12

Input Set : A:\WWELL73.007AUS.TXT

Output Set: N:\CRF4\12212005\J687523.raw

```

4 <110> APPLICANT: Lang, Florian
5     Waldegger, Siegfried
6     Lang, Philipp
7     Lampert, Angelika
8     Seybert, Hannsjoerg
9     Jeck, Nikola
11 <120> TITLE OF INVENTION: CLCKb MUTATION AS A DIAGNOSTIC AND
12     THERAPEUTIC TARGET
14 <130> FILE REFERENCE: WWELL73.007AUS
16 <140> CURRENT APPLICATION NUMBER: US 10/687,523
17 <141> CURRENT FILING DATE: 2003-10-15
19 <160> NUMBER OF SEQ ID NOS: 1
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 687
25 <212> TYPE: PRT
26 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 1
29 Met Glu Glu Phe Val Gly Leu Arg Glu Gly Ser Ser Gly Asn Pro Val
30 1          5          10          15
31 Thr Leu Gln Glu Leu Trp Gly Pro Cys Pro Leu Ile Arg Arg Gly Ile
32          20          25          30
33 Arg Gly Gly Leu Glu Trp Leu Lys Gln Lys Leu Phe Arg Leu Gly Glu
34          35          40          45
35 Asp Trp Tyr Phe Leu Met Thr Leu Gly Val Leu Met Ala Leu Val Ser
36          50          55          60
37 Cys Ala Met Asp Leu Ala Val Glu Ser Val Val Arg Ala His Gln Trp
38 65          70          75          80
39 Leu Tyr Arg Glu Ile Gly Asp Ser His Leu Leu Arg Tyr Leu Ser Trp
40          85          90          95
41 Thr Val Tyr Pro Val Ala Leu Val Ser Phe Ser Ser Gly Phe Ser Gln
42          100          105          110
43 Ser Ile Thr Pro Ser Ser Gly Gly Ser Gly Ile Pro Glu Val Lys Thr
44          115          120          125
45 Met Leu Ala Gly Val Val Leu Glu Asp Tyr Leu Asp Ile Lys Asn Phe
46          130          135          140
47 Gly Ala Lys Val Val Gly Leu Ser Cys Thr Leu Ala Cys Gly Ser Thr
48 145          150          155          160
49 Leu Phe Leu Gly Lys Val Gly Pro Phe Val His Leu Ser Val Met Met
50          165          170          175
51 Ala Ala Tyr Leu Gly Arg Val Arg Thr Thr Thr Ile Gly Glu Pro Glu
52          180          185          190
53 Asn Lys Ser Lys Gln Asn Glu Met Leu Val Ala Ala Ala Ala Val Gly

```

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```

54          195          200          205
55 Val Ala Thr Val Phe Gly Ala Pro Phe Ser Gly Val Leu Phe Ser Ile
56          210          215          220
57 Glu Val Met Ser Ser His Phe Ser Val Trp Asp Tyr Trp Arg Gly Phe
58 225          230          235          240
59 Phe Ala Ala Thr Cys Gly Ala Phe Met Phe Arg Leu Leu Ala Val Phe
60          245          250          255
61 Asn Ser Glu Gln Glu Thr Ile Thr Ser Leu Tyr Lys Thr Ser Phe Arg
62          260          265          270
63 Val Asp Val Pro Phe Asp Leu Pro Glu Ile Phe Phe Phe Val Val Leu
64          275          280          285
65 Gly Gly Leu Cys Gly Ile Leu Gly Ser Ala Tyr Leu Phe Cys Gln Arg
66          290          295          300
67 Ile Phe Phe Gly Phe Ile Arg Asn Asn Arg Phe Ser Ser Lys Leu Leu
68 305          310          315          320
69 Ala Thr Ser Lys Pro Val Tyr Ser Ala Leu Ala Thr Leu Val Leu Ala
70          325          330          335
71 Ser Ile Thr Tyr Pro Pro Ser Ala Gly Arg Phe Leu Ala Ser Arg Leu
72          340          345          350
73 Ser Met Lys Gln His Leu Asp Ser Leu Phe Asp Asn His Ser Trp Ala
74          355          360          365
75 Leu Met Thr Gln Asn Ser Ser Pro Pro Trp Pro Glu Glu Leu Asp Pro
76          370          375          380
77 Gln His Leu Trp Trp Glu Trp Tyr His Pro Arg Phe Thr Ile Phe Gly
78 385          390          395          400
79 Thr Leu Ala Phe Phe Leu Val Met Lys Phe Trp Met Leu Ile Leu Ala
80          405          410          415
81 Thr Thr Ile Pro Met Pro Ala Gly Tyr Phe Met Pro Ile Phe Val Tyr
82          420          425          430
83 Gly Ala Ala Ile Gly Arg Leu Phe Gly Glu Thr Leu Ser Phe Ile Phe
84          435          440          445
85 Pro Glu Gly Ile Val Ala Gly Gly Ile Thr Asn Pro Ile Met Pro Gly
86          450          455          460
87 Gly Tyr Ala Leu Ala Gly Ala Ala Ala Phe Ser Gly Ala Val Thr His
88 465          470          475          480
89 Thr Ile Ser Thr Ala Leu Leu Ala Phe Glu Val Thr Gly Gln Ile Val
90          485          490          495
91 His Ala Leu Pro Val Leu Met Ala Val Leu Ala Ala Asn Ala Ile Ala
92          500          505          510
93 Gln Ser Cys Gln Pro Ser Phe Tyr Asp Gly Thr Val Ile Val Lys Lys
94          515          520          525
95 Leu Pro Tyr Leu Pro Arg Ile Leu Gly Arg Asn Ile Gly Ser His Arg
96          530          535          540
97 Val Arg Val Glu His Phe Met Asn His Ser Ile Thr Thr Leu Ala Lys
98 545          550          555          560
99 Asp Thr Pro Leu Glu Glu Val Val Lys Val Val Thr Ser Thr Asp Val
100          565          570          575
101 Ala Glu Tyr Pro Leu Val Glu Ser Thr Glu Ser Gln Ile Leu Val Gly
102          580          585          590

```

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```

103 Ile Val Arg Arg Ala Gln Leu Val Gln Ala Leu Lys Ala Glu Pro Pro
104           595           600           605
105 Ser Trp Ala Pro Gly His Gln Gln Cys Leu Gln Asp Ile Leu Ala Ala
106           610           615           620
107 Gly Cys Pro Thr Glu Pro Val Thr Leu Lys Leu Ser Pro Glu Thr Ser
108 625           630           635           640
109 Leu His Glu Ala His Asn Leu Phe Glu Leu Leu Asn Leu His Ser Leu
110           645           650           655
111 Phe Val Thr Ser Arg Gly Arg Ala Val Gly Cys Val Ser Trp Val Glu
112           660           665           670
113 Met Lys Lys Ala Ile Ser Asn Leu Thr Asn Pro Pro Ala Pro Lys
114           675           680           685

```

**VERIFICATION SUMMARY**

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